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Deliver to: Examiner Kenneth S. Kim, Art Unit 2111
Firm Name: U.S. Patent & Trademark Office
Fax Number: 703-746-7239
From: John P. Ward Operator: Anne Collette
Date: October 21, 2004
App. No.: 10/028,859
No. of pages: 15 (including cover sheet)
Client/Matter: 42390P10920 Docket Date: 10/21/04 Atty: CTF

Dear Examiner:

Please find the following document(s) attached:

- 1) Transmittal Form (1 page)
- 2) Response to Office Action (13 pages)

Thank you.

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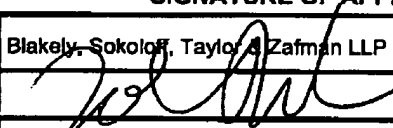
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/028,859	
	Filing Date	December 19, 2001	
	First Named Inventor	John W. Mates	
	Art Unit	2111	
	Examiner Name	Kenneth S. Kim	
Total Number of Pages in This Submission	13	Attorney Docket Number	42390P10920

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Blakely, Sokoloff, Taylor & Zafman LLP		
Signature			
Printed name	John Patrick Ward		
Date	October 21, 2004	Reg. No.	40,216

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Signature			
Typed or printed name	Anne Collette	Date	October 21, 2004

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42390P10920

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John W. Mates

Serial No.: 10/028,859

Filing Date: December 19, 2001

For: CELLULAR AUTOMATON
CACHE METHOD AND
APPARATUS

Examiner: Kim, Kenneth S.

Art Unit: 2111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450AMENDMENT AND RESPONSE

Dear Sir:

In response to the Office Action mailed July 21, 2004, please enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.

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By: Anne Collette
Anne ColletteDate: October 21, 2004